

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|----------------------------------|------------------|---------|------------------|
| L1 | 9 | ("20020108895" "20030190829" "5969422" "6066892" "6169024" "6181012" "6249055" "6380075" "6461675").PN. | US-PGPUB; USPAT | OR | OFF | 2005/11/03 11:59 |
| L2 | 1 | "20020106895".pn. | US-PGPUB; USPAT | OR | OFF | 2005/11/03 12:00 |
| L3 | 72 | ZHAO-BIN | US-PGPUB; USPAT | OR | OFF | 2005/11/03 12:05 |
| L6 | 8889 | 257/751.ccls. 257/753.ccls. 257/758.ccls. 257/760.ccls. 257/761.ccls. 257/762.ccls. 257/763.ccls. 257/764.ccls. 257/766.ccls. 257/769.ccls. 257/774.ccls. 257/775.ccls. 438/638.ccls. 438/639.ccls. | US-PGPUB; USPAT | OR | OFF | 2005/11/03 13:12 |
| L7 | 393 | L6 and ((copper cu) same (damascene inlaid "in-laid") same (seed alloy) same (barrier diffusion cap)) | US-PGPUB; USPAT | OR | ON | 2005/11/03 13:21 |
| L8 | 110 | (copper cu damascene inlaid "in-laid") and ((seed alloy) with (tantalum ta molybdenum mo chromium cr tungsten w wolfram)) and ((barrier diffusion cap) with (silver ag palladium pd ruthenium ru platinum pt)) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/03 12:46 |
| L9 | 222 | (copper cu damascene inlaid "in-laid") same ((seed alloy) with ((tantalum ta molybdenum mo chromium cr tungsten w wolfram) near4 (copper cu))) same ((barrier diffusion cap) with (silver ag palladium pd ruthenium ru platinum pt)) | US-PGPUB; USPAT | OR | ON | 2005/11/03 13:20 |
| L10 | 1 | (copper cu damascene inlaid "in-laid") same ((seed alloy) with (tantalum ta molybdenum mo chromium cr tungsten w wolfram)) same ((barrier diffusion cap) with ((ruthenium ru) adj oxide)) | US-PGPUB; USPAT | OR | ON | 2005/11/03 12:59 |
| L11 | 6 | (copper cu damascene inlaid "in-laid") same ((seed alloy) with (tantalum ta molybdenum mo chromium cr tungsten w wolfram)) same ((barrier diffusion cap) with (((ruthenium ru) adj oxide) "ruo. sub.2")) | US-PGPUB; USPAT | OR | ON | 2005/11/03 13:01 |
| L12 | 144 | L6 and (((ruthenium ru) adj oxide) "ruo.sub.2") | US-PGPUB; USPAT | OR | ON | 2005/11/03 13:02 |

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|-----|-----|---|--------------------|----|-----|------------------|
| L13 | 86 | L12 and (copper cu damascene inlaid "in-laid") | US-PGPUB; USPAT | OR | ON | 2005/11/03 13:02 |
| L14 | 617 | 257/775.ccls. | US-PGPUB; USPAT | OR | OFF | 2005/11/03 13:12 |
| L15 | 32 | ((copper cu damascene inlaid "in-laid") and ((seed alloy) with ((tantalum ta molybdenum mo chromium cr tungsten w wolfram near4 (copper cu))) and ((barrier diffusion cap) with (silver ag palladium pd ruthenium ru platinum pt))).clm. | US-PGPUB | OR | ON | 2005/11/03 13:23 |
| L16 | 198 | ((copper cu) and (damascene inlaid "in-laid") and (seed alloy) and (barrier diffusion cap)).clm. | US-PGPUB | OR | ON | 2005/11/03 13:22 |
| L17 | 180 | ((copper cu damascene inlaid "in-laid") and ((seed alloy) near2 ((tantalum ta molybdenum mo chromium cr tungsten w wolfram copper cu) near4 (copper cu))) and ((barrier diffusion cap) near2 (metal conduct\$6 silver ag palladium pd ruthenium ru platinum pt))).clm. | US-PGPUB | OR | ON | 2005/11/03 13:25 |
| L18 | 310 | ((copper cu damascene inlaid "in-laid") and ((seed alloy) near2 (tantalum ta molybdenum mo chromium cr tungsten w wolfram copper cu)) and ((barrier diffusion cap) near2 (metal conduct\$6 silver ag palladium pd ruthenium ru platinum pt))).clm. | US-PGPUB | OR | ON | 2005/11/03 13:27 |
| L19 | 20 | ((copper cu damascene inlaid "in-laid") and ((seed alloy) near4 (tantalum ta molybdenum mo chromium cr tungsten w wolfram copper cu)) and ((barrier diffusion liner) near4 (metal conduct\$6 silver ag palladium pd ruthenium ru platinum pt)) and (cap near4 (metal conduct\$6 silver ag palladium pd ruthenium ru platinum pt))).clm. | US-PGPUB | OR | ON | 2005/11/03 13:29 |